



Eden Park Primary School Knowledge Organiser



Prior Knowledge

(From Year 2)

- I can identify sources of sound and describe ways of making sounds. (hitting, plucking)
- I can identify louder and softer sounds. (do they recognise sound is louder when it is nearer?)

Word	Meaning
sound	Vibrations travelling through air can be heard
noise	A sound
pitch	High or low tone
vibrate	The way sounds are made
Tuning fork	Vibrates to a specific note
Sound wave	How sound travels

The Powerful Knowledge we will take away from this science topic:

- I can identify how sounds are made, associating some of them with something vibrating.
- I can recognise that vibrations from sounds travel through a medium to the ear.
- I can find patterns between the pitch of a sound and features of the object that produced it.
- I can find patterns between the volume of a sound and the strength of the vibrations that produced it.
- I can recognise that sounds get fainter as the distance from the sound source increases.

Investigation

Explore a variety of materials to explore pitch and volume.

(RECAP) What happens when the instrument is near or far?

Working scientifically

Set up and carry out comparative and fair tests

Use straight forward scientific evidence to answer questions or support their findings

Investigation

Explore a variety of materials to explore pitch and volume.

(RECAP) What happens when the instrument is near or far?

Technology

App - Sound Meter Decibel

Google Expeditions – auditory system